



Practitioner's Docket No.: 106102-00-01

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application  
of:

for:

the specification of which is being transmitted to the USPTO under 35 U.S.C. § 371

OR

In re application of: MINTON, Joseph Grayson, Jr.

Application No.: 10/649271 Group No.:

Filed: August 27, 2003 Examiner:

For: **METHOD FOR FLOW ANALYSIS UTILIZING CELL ELEVATION TOPOLOGY**

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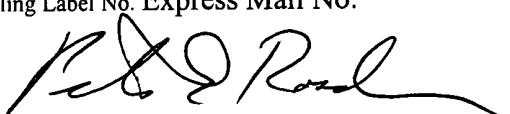
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## **List of Sections Forming Part of This Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections  
and number pages consecutively)*

1. **XX** Preliminary Statements
2. **XX** FORMS PTO/SB/08A and 08B (formerly FORM PTO-1449)
3.    Statement as to Information Not Found in Patents or Publications
4.    Identification of Prior Application in Which Listed Information Was Already Cited  
and for Which No Copies Are Submitted or Need Be Submitted
5.    Cumulative Patents or Publications
6. **XX** Copies of Listed Information Items Accompanying This Statement
7.    Concise Explanation of Non-English Language Listed Information Items
  - 7A.    EPO Search Report
  - 7B.    English Language Version of EPO Search Report
8.    Translation(s) of Non-English Language Documents
9.    Concise Explanation of English Language Listed Information Items (Optional)
10. **XX** Identification of Person(s) Making This Information Disclosure Statement

### **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**Section 2. Forms PTO/SB/08A and 0813 (formerly Form PTO-1449)**

(see attached form)

**Section 6. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement

**Section 10. Identification of Person(s) Making This Information Disclosure Statement**

The person making this statement is

*(check each applicable item)*

(a)  the inventor(s) who signs below

SIGNATURE OF INVENTOR

*(type name of inventor who is signing)*

(b)  an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c))

SIGNATURE OF INVENTOR

*(type name of inventor who is signing)*

(c)  the practitioner who signs below on the basis of the information:

*(check each applicable item)*

supplied by the inventor(s).

supplied by an individual associated with the filing and prosecution of this application. (37 C.F.R. § 1.56(c))  
 in the practitioner's file.

SIGNATURE OF PRACTITIONER



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|                               |   |    |   |                          |                        |
|                               |   |    |   |                          |                        |
|                               |   |    |   | Application Number       | 10/649721              |
|                               |   |    |   | Filing Date              | 08/27/03               |
|                               |   |    |   | First Named Inventor     | MINTON, Joseph S., Jr. |
|                               |   |    |   | Art Unit                 |                        |
|                               |   |    |   | Examiner Name            |                        |
| Sheet                         | 1 | of | 1 | Attorney Docket Number   | 106102-00-01           |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    |                       | <b>GARBRECHT and MARTZ</b> , "Topaz Overview", USDA Agricultural Research Service, April 1999, Internet download from <a href="http://grl.ars.usda.gov/topaz/OVIEW.HTM">http://grl.ars.usda.gov/topaz/OVIEW.HTM</a> , USA                                       |                |
|                    |                       | <b>JENSON and DOMINGUE</b> , Extracting Topographic Structure from Digital Elevation Data, Photogrammetric Engineering and Remote Sensing, Vol. 54, No. 11, Nov. 1988, pp. 1593-1600, USA   |                |
|                    |                       | <b>FAIRFIELD and LEYMARIE</b> , Drainage Networks From Grid Digital Elevation Models, American Geophysical Union, Water Resources Research, Vol. 27, No. 5, pp. 709-717 (May 1991), USA   |                |
|                    |                       | <b>TRIBE</b> , Automated recognition of valley lines and drainage networks from grid digital elevation models: a review and a new method, J. of Hydrology, 139 (1992), pp. 263-293, UK  |                |
|                    |                       | <b>GARBRECHT and MARTZ</b> , Digital Elevation Model Issues in Water Resources Modeling, download from <a href="http://grl.ars.usda.gov/topaz/esri/paperH.htm">http://grl.ars.usda.gov/topaz/esri/paperH.htm</a> , July 1999, USA                               |                |
|                    |                       | <b>GARBRECHT and MARTZ</b> , The assignment of drainage direction over flat surfaces in raster digital elevation models, J. of Hydrology, 193 (1997), pp. 204-213, USA  |                |
|                    |                       | <b>MARTZ and GARBRECHT</b> , The treatment of flat areas and depressions in automated drainage analysis of raster digital elevational models, Hydrological Processes 12, pp. 843-855 (1998), USA  |                |
|                    |                       | <b>MARTZ and GARBRECHT</b> , An outlet breaching algorithm for the treatment of closed depressions in a raster DEM, Computers & Geosciences 25 (1999), pp. 835-844, CN  |                |

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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